```
Set     Items   Description
S1    1653924   DETERMIN? OR MONITOR? OR ASCERTAIN? OR ASSESS? OR EVALUAT?
            OR JUDGE?
S2     919467   KNOWN? OR EXISTING? OR OLDER? OR COMMON? OR RECOGN? OR EAR-
            LIER?
S3    2937104   LOAD? OR INSTALL? OR DOWNLOAD? OR BOOT? OR TRANSFER? OR UP-
            LOAD?
S4    1992787   LATEST? OR REQUIRED? OR REQUISIT? OR NEWEST? OR MOST()(REC-
            ENT? OR UP(2W)DATE OR NEW) OR BETA? OR CURRENT? OR NEEDED?
S5    2245477   MULTIP? OR PLURAL? OR MULTIT? OR SEVERAL? OR MANY
S6     641536   NETWORK? OR NET? ? OR ETHERNET? OR INTERNET? OR LAN? ? OR -
            WAN? ? OR INTRANET? OR EXTRANET?
S7    1428327   VERSION? OR APPLICATION? OR BROWSER? OR RELEASE? OR EDITIO-
            N?
S8     180260   HOST? OR DISPATCHER? OR MANAGER? OR SUPERVISOR? OR CHIEF? -
            OR ADMINISTRATOR? OR DBA? ?
S9       1224   SYSTEM?()OPERATOR? OR SYSOP? OR WEBHOST?
S10    198158   LIBRAR? OR ARCHIV? OR DATABASE? OR DATA()BASE? OR DATACENT-
            ER? OR DATALIBRAR? OR DATA()CENTER?
S11   1665839   COLLECTION? OR REPOSITOR? OR STORAG? OR FACILIT? OR FILESE-
            RVER? OR FILE()SERVER?
S12   3407041   ASSOCIAT? OR EFFICIEN? OR COMPATIB? OR SUITAB? OR EFFECTIV?
             OR OPTIM?
S13   1096362   CONCURR? OR SIMULTAN? OR RUNTIME? OR RUN()TIME OR SYNCHRON?
             OR SAME()TIME? OR CONTEMPORAN?
S14   1245095   IC=G06F?
S15    937807   MC=T01?
S16      1159   S4:S6(7N)S7 AND S8:S9 AND S10:S11
S17         7   S16 AND S1(5N)S2
S18        37   S16 AND S3 AND S13
S19       131   S16 AND S3 AND S5:S6 AND S12
S20        77   S16 AND S1(5N)(S2 OR S4:S6)(7N)S7
S21       180   S19:S20 AND S14:S15
S22        16   S17:S18 AND S21
S23        44   S17:S18 OR S22
S24    826945   PR=2002:2005
S25        40   S23 NOT S24
S26        40   IDPAT (sorted in duplicate/non-duplicate order)
S27       199   S19:S21
S28       181   S27 NOT S23
S29       146   S28 NOT S24
S30       146   IDPAT (sorted in duplicate/non-duplicate order)
File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200563
         (c) 2005  Thomson Derwent
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30/3,K/60 (Item 60 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

THIS APPLICATION

014878116 **Image available**
WPI Acc No: 2002-698822/200275
XRPX Acc No: N02-550991
Multi- version **hosting of** application **services for computer** networks **, which dispatches and** monitors **shared resource to allow** applications **to be hosted with** multiple versions **of** hosting **service runtime** library **efficiently**
Patent Assignee: BEA SYSTEMS INC (BEAS-N); MACLEAN B X (MACL-I); PUGH W A (PUGH-I)
Inventor: MACLEAN B X; PUGH W A
Number of Countries: 097 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200273403	A1	20020919	WO 2002US6218	A	20020301	200275 B
US 20020133805	A1	20020919	US 2001803178	A	20010309	200275
US 20030187929	A1	20031002	US 2001803178	A	20010309	200365
			US 2001912571	A	20010724	
AU 2002245549	A1	20020924	AU 2002245549	A	20020301	200433

Priority Applications (No Type Date): US 2001912571 A 20010724; US 2001803178 A 20010309
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200273403	A1	E	42	G06F-009/44	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

US 20020133805	A1	G06F-009/44	
US 20030187929	A1	G06F-015/16	CIP of application US 2001803178
AU 2002245549	A1	G06F-009/44	Based on patent WO 200273403

Multi- version **hosting of** application **services for computer** networks **, which dispatches and** monitors **shared resource to allow** applications **to be hosted with** multiple versions **of** hosting **service runtime** library **efficiently**

Abstract (Basic):
... provision apparatus (108) is provided with components to perform a dispatching and a shared resource **monitoring** function. Allowing **applications** to be **hosted** with **multiple versions** of a **hosting** service runtime **library** (114I-114n) in a more efficient manner. The dispatching function (110), upon receipt of a request for service for an **application , determines** if the **version** of the runtime **library required** is **known** . If not, the dispatching function turns to the **latest version** of the runtime **library** to **determine** the **version required** .
... **Facilitates** upgrade of applications to selected ones of the successor versions on request. Co-ordinates the...

...runtime **library** (114I-114n
...Title Terms: **LIBRARY** ;
International Patent Class (Main): **G06F-009/44** ...

... **G06F-015/16**

International Patent Class (Additional): **G06F-009/00** ...

... **G06F-009/455**
Manual Codes (EPI/S-X): **T01-F02C** ...

... **T01-J20B2** ...

... **T01-N02B2**

30/3,K/51 (Item 51 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015477722 **Image available**
WPI Acc No: 2003-539869/200351
Related WPI Acc No: 2004-033211
XRPX Acc No: N03-428111

Website management system has server-side frontend daemon to identify attributes of user-changed webpage and to store identified attributes in database

Patent Assignee: 3565 ACQUISITION CORP (THRE-N)
Inventor: BROWN A C; DAN N
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6560639	B1	20030506	US 9874684	P	19980213	200351	B
			US 99120406	P	19990212		
			US 99249061	A	19990212		

Priority Applications (No Type Date): US 99249061 A 19990212; US 9874684 P 19980213; US 99120406 P 19990212
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6560639	B1		45	G06F-015/16	Provisional application US 9874684 Provisional application US 99120406

... **frontend daemon to identify attributes of user-changed webpage and to store identified attributes in** database

Abstract (Basic):

... webpages in a web site and transmits the pages to a web server (20) for **storage** in a **database** (50) by **associating** with respective attributes. A server-side frontend daemon (35) identifies the attributes of user-changed webpage and stores the identified attributes in the **database** . A server-side backend daemon (40) parses the attributes to generate partially static webpages.

... The server-side frontend daemon which communicates with the web server and **database** , has a user **manager** to create a hierarchy of group or user access, to the web pages, an asset **manager** for finding, **uploading** or organizing the assets including a binary file, a page **manager** to create new webpages or to modify existing webpages, a sub-directory navigation **manager** to display webpages in one of the collapsible, indented and tabular directories, a forum **manager** to create and manage interactive posting environment, a help **manager** to create, modify and manage the local help links to command and field name, a utility **manager** including a management utility, a knowledge base **manager** for addressing user problems, a preference **manager** for defining site-wide configuration defaults, an object **manager** for creating and modifying a definition and an instance of the object, a code table **manager** for creating a code table and an error report **manager** for reporting the error in intended user changes to request webpage...

...Permits users to interface with web management tool through e.g. **Internet browser** , without a client-side **application** , thereby eliminating the need for users to buy and master additional software. As the system could advantageously reside in **Internet** service provider, the cost of shrink-wrapping is eliminated and optional automatic on-line software upgrades is **facilitated** . Allows the user to create and review changes to a webpage directly on world wide...

...content management tool to allow users to design and manage simple web sites, to complex **database** driven websites...

... **database** (50
...Title Terms: **STORAGE** ;
International Patent Class (Main): **G06F-015/16**
Manual Codes (EPI/S-X): **T01-J05B4P** ...
... **T01-N02B1A** ...

... **T01-N02B2A**

US006560639B1

(12) **United States Patent**
Dan et al.

(10) **Patent No.: US 6,560,639 B1**
(45) **Date of Patent: May 6, 2003**

(54) **SYSTEM FOR WEB CONTENT MANAGEMENT BASED ON SERVER-SIDE APPLICATION**

(75) Inventors: **Noah Dan**, Potomac, MD (US); **Albert C. Brown**, Golden, CO (US)

(73) Assignee: **3565 Acquisition Corporation**, Costa Mesa, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/249,061**

(22) Filed: **Feb. 12, 1999**

Related U.S. Application Data

(60) Provisional application No. 60/120,406, filed on Feb. 12, 1999, and provisional application No. 60/074,684, filed on Feb. 13, 1998.

(51) **Int. Cl.**[7] **G06F 15/16**

(52) **U.S. Cl.** **709/218**; 709/219; 707/10; 707/102; 707/703

(58) **Field of Search** 709/217–219, 709/223–225, 229–233; 707/10, 102, 103, 513, 515

(56) **References Cited**

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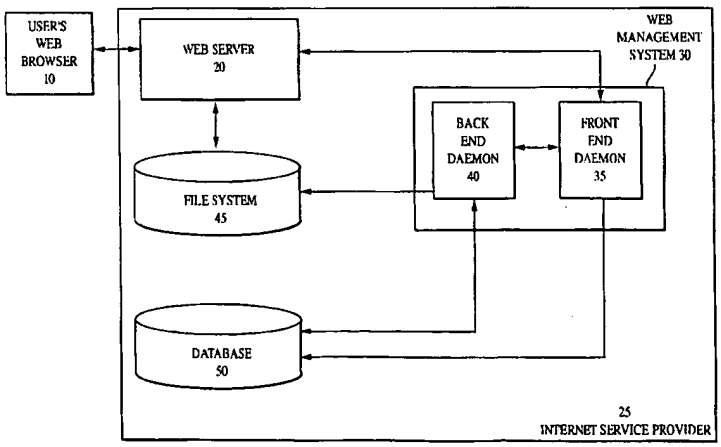
(List continued on next page.)

Primary Examiner—Nabil El-Hady
(74) *Attorney, Agent, or Firm*—Knobbe, Martens, Olson & Bear, LLP

(57) **ABSTRACT**

A web management system including a database having a directory structure associating each web page of a web site with attributes thereof. The web site management system may include a web server for displaying each web page, and a server-side front end daemon communicatable with the web server and the database. The front end daemon may identify the attributes of any user-changed web page and store the attributes of any user-changed web page in that database. The identifying and/or the storing may be automatic or user-initiated. In addition to, or in the alternative, the web management system may include a file system caching all web pages in a web site. The web pages so cached may be static. The web management system may include a server-side back end daemon communicatable with the database and the file system. The back end daemon may parse the attributes to generate the at least partially static web pages and store the generated, at least partially static web pages in the file system.

11 Claims, 25 Drawing Sheets



The web management system may further include a server-side back end daemon communicatable with the database and the file system. The back end daemon may parse the attributes to generate at least partially static web pages and may store the generated web pages in the file system.

The front end daemon may include at least one of the following components. An optional user manager may create a hierarchy of group access and/or user access to the pages or web pages and/or available editing options for the web pages. An asset manager may find, upload and/or organize one or more assets, each including a binary file. An optional page manager may create new web pages, modify existing web pages with available web page attributes, and/or tie the Web pages to web site architecture and navigation. An optional sub-directory navigation manager may display the web pages in a collapsible, indented, or tabular directory.

The front end daemon may include an optional forum manager that may create, attach, and/or manage at least one interactive posting environment. An optional help manager may create, modify, attach, and/or manage at least one local help link to a command or field name. An optional utilities manager may include one or more management utilities. An optional knowledge base manager may address user problems.

The front end daemon may include an optional preferences manager that may define site-wide configuration defaults, and/or apply a desired object to the entire web site. An optional object manager may create or modify a definition of an object and/or an instance of the object. An optional code table manager may create one or more code tables, in the database, each having at least one entry. The code table manager may be used to create and/or delete an entry. The above-mentioned directory structure may include one or more code tables. An optional error report manager may report any error in intended user changes to a requested web page.

In an alternative embodiment, the instant invention may provide another web site management system. The web management system may include a database having a directory structure associating each web page of a web site with attributes thereof.

In one version of this alternative embodiment, the system includes a web server for displaying each web page, and a server-side front end daemon communicatable with the web server and the database. The front end daemon may identify the attributes of any user-changed web page and stores the attributes of any user-changed web page in the database. The identification and/or the storage may be automatic or user-initiated.

In another version of this alternative embodiment, the system includes a file system caching all web pages in a web site. The web pages so cached may be at least partially static. The back end daemon may parse the attributes to generate partially static web pages and store the generated partially static web pages in the file system.

The front end daemon, according to the alternative embodiment, may include a user manager for creating a hierarchy of group access and/or user access to the web pages and/or available editing options for the web pages. The user manager may be capable of assigning one or more access specifications to one or more web pages in a web site.

The front end daemon may include an asset manager for finding, uploading, and/or organizing one or more assets, each including a binary file. Each binary file may include a text file, a graphical image, a video image, a data file and/or an audio file. The asset manager is capable of browsing existing assets in the web site, creating a new asset, creating a new asset folder, and/or listing, via an asset panel. All files contain an optional user-specified asset.

The front end daemon may include a page manager for creating new web pages, modifying existing web pages with available web page attributes, and/or tying the web pages to web site architecture and navigation. The page manager may be capable of listing, via a page panel, every web page in hierarchical order or other arrangement. The page manager may provide a form for updating content of a selected, listed web page, adding a new web page, viewing the selected, listed web page, deleting the selected, listed web page, and/or cloning the selected, listed web page.

The front end daemon may include a sub-directory navigation manager for displaying the web pages in one of a collapsible, indented, and tabular directory. The sub-directory navigation manager may be capable of creating a new sub-directory navigation template, and/or modifying an existing sub-directory navigation template. The sub-directory navigation manager may also be capable of switching between a previous sub-directory and a successive sub-directory navigation template, if more than one sub-directory navigation template exists. By the switch, all web pages having the previous sub-directory navigation template will have the successive sub-directory navigation template, and all web pages in a selected hierarchy and having the previous sub-directory navigation template will have the successive sub-directory navigation template.

The front end daemon may include an optional forum manager. The forum manager may create, attach and/or manage one or more interactive posting environments. The front end daemon may include an optional help manager.

The front end daemon may include an optional object manager for creating and/or modifying a definition of an object and/or an instance of the object. The object may include a global object applicable to an entire server, network and/or web site, a page-specific object applicable to a user-specified page, graphic and/or web page and a widget being user-designed and applicable to the entire site, network or web site and/or the user-specified page depending upon user determination.

The front end daemon may include an optional utilities manager. The utilities manager may include one or more management utilities. The web site management utility or utilities may include one or more of the following features. An optional calendar may be used to coordinate work and availability among a network, site and/or web site management team. An optional clone utility may clone a web page, a plurality of web pages, or an entire web site. An optional color calculator may aid a user in selecting a background color or a text color. An optional info utility may track version numbers of a web site configuration. An optional multiple edits command may transfer a single web page, more than one web page, or the entire web site into a text file downloadable to a word processor. An optional regenerate utility may regenerate the static web pages in the file system by user-initiation. An optional regenerate navigation utility may regenerate the directory structure of the web site. An optional upgrade administrative directory utility, periodically or aperiodically, upgrades existing managers or introduces new managers.

The front end daemon may include an optional knowledge base manager for addressing user problems. The knowledge base manager may include a listing of past user problems and solutions therefor, and/or a user-entry for posting a new problem.

30/3,K/81 (Item 81 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014178401 **Image available**
WPI Acc No: 2001-662629/200176
Related WPI Acc No: 2000-182772; 2001-570444; 2001-596503; 2001-656565; 2002-434471; 2002-697486; 2003-090923
XRPX Acc No: N01-493686
Software application **streaming system for client in** Internet , **has streaming** manager **that transmits appropriate streamlets corresponding to data blocks in application files to client**
Patent Assignee: APPSTREAM INC (APPS-N); EYLON D (EYLO-I); MELAMED S (MELA-I); RAMON A (RAMO-I); RAZ U (RAZU-I); VOLK Y (VOLK-I)
Inventor: EYLON D; MELAMED S; RAMON A; RAZ U; VOLK Y
Number of Countries: 098 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010037399	A1	20011101	US 98120575	A	19980722	200176	B
			US 2000235535	P	20000926		
			US 2000751105	A	20001228		
WO 200227492	A1	20020404	WO 2001US30006	A	20010925	200230	
AU 200193087	A	20020408	AU 200193087	A	20010925	200252	
EP 1332432	A1	20030806	EP 2001973517	A	20010925	200353	
			WO 2001US30006	A	20010925		

Priority Applications (No Type Date): US 2000235535 P 20000926; US 98120575 A 19980722; US 2000751105 A 20001228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010037399	A1		17	G06F-015/16	CIP of application US 98120575 Provisional application US 2000235535
WO 200227492	A1	E		G06F-009/54	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200193087	A			G06F-009/54	Based on patent WO 200227492
EP 1332432	A1	E		G06F-009/54	Based on patent WO 200227492

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Software application **streaming system for client in** Internet , **has streaming** manager **that transmits appropriate streamlets corresponding to data blocks in application files to client**
Abstract (Basic):
... An application **library** stores application files and a prediction model. A prediction engine identifies streamlets corresponding to data blocks in respective application files **suitable** for transmission to a client based on the predictive model. A streaming **manager** transmits identified streamlets to the client.
... software applications to a client with virtual file system (VFS) connected to a server through **Internet** , wired or wireless **transfer** control protocol/ **Internet** protocol (TCP/IP) and wide area **network** .
...
...Enables reducing **load** of **network** and server, thereby allowing high scalability of the server based application delivery service that delivers, updates and distributes **application** **efficiently** to

several users without the need for UNIX operating system or Window based servers. Enables better control

International Patent Class (Main): **G06F-009/54** ...

... **G06F-015/16**

Manual Codes (EPI/S-X): **T01-D02** ...

... **T01-H07C3E** ...

... **T01-H07C5A** ...

... **T01-H07C5E** ...

... **T01-H07C5S** ...

... **T01-J05B3** ...

... **T01-S03**

30/3,K/88 (Item 88 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014004043
WPI Acc No: 2001-488257/200153
XRPX Acc No: N01-361298
Application **maintenance system for computer** network **systems wherein running** applications **check in with a maintenance module at regular intervals**
Patent Assignee: ELECTRONIC DATA SYSTEMS CORP (ELDA-N)
Inventor: RAIL P D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6275844	B1	20010814	US 97794611	A	19970203	200153	B

Priority Applications (No Type Date): US 97794611 A 19970203
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6275844	B1		9	G06F-009/00	

Application **maintenance system for computer** network **systems wherein running** applications **check in with a maintenance module at regular intervals**
Abstract (Basic):
... The maintenance module maintains a **database** of active applications, listing start codes and deactivation codes. At predetermined intervals, active applications check...
... An INDEPENDENT CLAIM is also included for the method used to maintain software **applications** within a **network** .
...

...automatically deactivates failed or stalled applications and restarts them, removing the need for the system **administrator** to manually stop and restart applications. Auto-restarting also maximizes **application** availability, often important in critical systems. Technically by using **multiple** independent modules to **monitor** **applications** across **multiple** server operating systems, additions system redundancy is built in e.g. a module failure only effects one system. A centralized control function is available, allowing the system **administrator** to alter, monitor or configure globally across the network
International Patent Class (Main): **G06F-009/00**
Manual Codes (EPI/S-X): **T01-F01B** ...

... **T01-F05B** ...

... **T01-F05G5** ...

... **T01-H07C5A** ...
... **T01-H07C5E** ...

... **T01-H07C5S** ...

... **T01-J05B2** ...

... **T01-J05B4P**

30/3,K/131 (Item 131 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007645812 **Image available**
WPI Acc No: 1988-279744/198840
XRPX Acc No: N88-212346
Data processing network with upgrading of files - has host **processor adapted to determine which version or release of data file is stored at work station**0
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: ALDERSON G R; MACFARLANE P R; MORI T
Number of Countries: 004 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 284924	A	19881005	EP 88104339	A	19880318	198840 B
GB 2203573	A	19881019	GB 877848	A	19870402	198842
US 5019963	A	19910528	US 88171315	A	19880321	199124
EP 284924	B1	19931103	EP 88104339	A	19880318	199344
DE 3885327	G	19931209	DE 3885327	A	19880318	199350
			EP 88104339	A	19880318	

Priority Applications (No Type Date): GB 877848 A 19870402
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 284924	A	E	11		
Designated States (Regional): DE FR GB					
EP 284924	B1	E	11	G06F-009/44	
Designated States (Regional): DE FR GB					
DE 3885327	G			G06F-009/44	Based on patent EP 284924

... **has** host **processor adapted to determine which version or release of data file is stored at work**...

...Abstract (Basic): The data processing network comprises a **host** processor (1,10,11) to which is connected a number of work stations (2,4...

...data files (29 to 34) used at the work stations during tasks on them. The **host** processor contains a copy of the data files stored at each work station which may require updating. Each work station is adapted to send a signal to the **host** processor indicating which data files it is to use for a particular task and the level of those data files. Each **host** processor is adapted to determine from the signal whether that work station has data files...

...ADVANTAGE - Does not require **host** data processor to keep record of data files stored at each remote user.
...Abstract (Equivalent): A data processing network comprising at least one **host** processor (1, 10, 11) to which is connected a plurality of workstations (2, 4, 6...

...12) containing data files (29 to 34) used at the workstations during tasks thereon, the **host** processor containing a copy of the data files stored at each workstation which may require updating, each workstation being adapted to respond to a query from the **host** processor by sending a signal to the **host** processor indicating which data files it is to use for a particular task and the level of those data files, the **host** processor being adapted to determine from said signal whether that workstation has data files at...

...Abstract (Equivalent): A number of work stations such as personal computers (PC) (12) are connected to a **host** processor (11) and contain PC programs at partic. levels for controlling tasks on the personal computers. The personal computers send a signal to the **host** when they are about to conduct a task indicating which data files they have and at what level. The **host** has an object **library** contg. a copy of each disc file for each **version** of PC program. The **host** **determines** if the personal computer has the **latest** level data file for the **version** of program at that personal computer and, if it does not, sends a copy of...

...Pref. the **host** checks if the personal computer has all the data files it needs for the partic...

...if it should because of the version of PC program stored at the PC, the **host** can load a copy of the missing file to the personal computer. The **host** does not have to contain a record of all the levels of all the programs of all the personal computers connected to it. However, by updating the object **library** in the **host** , this arrangement ensures that all personal computers connected to it are automatically brought to the...

...Title Terms: **HOST** ;

International Patent Class (Main): **G06F-009/44**

International Patent Class (Additional): **G06F-009/06** ...

... **G06F-013/00** ...

... **G06F-015/16**

Manual Codes (EPI/S-X): **T01-J02** ...

... **T01-J05B**

United States Patent [19]

Alderson et al.

[11] **Patent Number: 5,019,963**

[45] **Date of Patent: May 28, 1991**

[54] **DATA PROCESSING NETWORK WITH UPGRADING OF FILES**

[75] Inventors: **Graham R. Alderson**, Eastleigh; **Peter R. MacFarlane**, Winchester, both of United Kingdom; **Tohru Mori**, Fujisawa, Japan

[73] Assignee: **International Business Machines Corporation**, Armonk, N.Y.

[21] Appl. No.: **171,315**

[22] Filed: **Mar. 21, 1988**

[30] **Foreign Application Priority Data**

Apr. 2, 1987 [GB] United Kingdom 8707848

[51] **Int. Cl.**[5] **G06F 13/38**

[52] **U.S. Cl.** **364/200**; 364/228.4; 364/231; 364/282.2; 364/222.82

[58] **Field of Search** ... 364/200 MS File, 900 MS File

[56] **References Cited**

U.S. PATENT DOCUMENTS

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4,714,992	12/1987	Gladrey et al.	364/200
4,875,159	10/1989	Cary et al.	364/200

FOREIGN PATENT DOCUMENTS

0189031	7/1986	European Pat. Off. .
0191861	8/1986	European Pat. Off. .
2097156	10/1982	United Kingdom .

OTHER PUBLICATIONS

"Online Data Base Level Control", P. H. Benson et al, *IBM Technical Disclosure Bulletin*, vol. 18, No. 8, Jan. 1976, p. 2663.

"Remote Initial Program Load and Library Maintenance for Satellite Computers", B. B. Young et al., *IBM Technical Disclosure Bulletin*, vol. 13, No. 5, Oct. 1970, p. 1203.

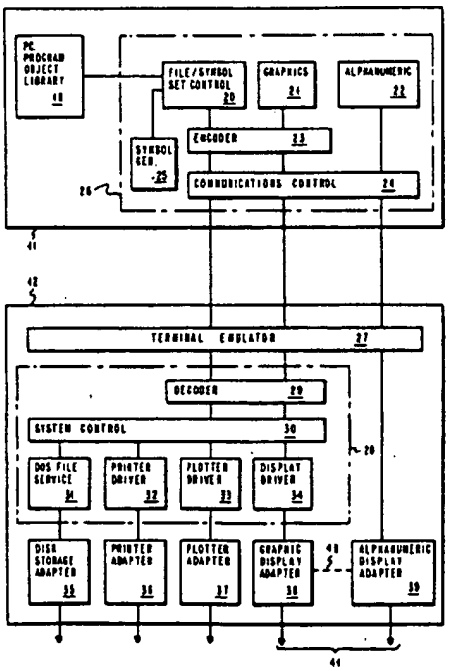
Primary Examiner—Thomas M. Heckler

Attorney, Agent, or Firm—H. St. Julian; Casimer K. Salys; Douglas H. Lefeve

[57] **ABSTRACT**

A data processing network in which a plurality of workstations such as personal computers (PC) (12) are connected to a host processor (11) and contain PC programs at particular levels for controlling tasks on the personal computers. The personal computers send a signal to the host when they are about to conduct a task indicating which data files they have and at what level. The host has an object library containing a copy of each disk file for each version of PC program. The host determines if the personal computer has the latest level data file for the version of program at that personal computer and, if it does not, sends a copy of the latest level data file to the personal computer to replace the down-level data file. Preferably, the host checks if the personal computer has all the data files it needs for the particular task and, if it does not and if it should because of the version of PC program stored at the PC, the host can load a copy of the missing file to the personal computer. The host does not have to contain a record of all the levels of all the programs of all the personal computers connected to it. However, by updating the object library in the host, this arrangement ensures that all personal computers connected to it are automatically brought to the latest authorized level of data files as are required by the personal computer.

20 Claims, 3 Drawing Sheets



10/6/2005, EAST Version: 2.0.1.4

SAME APPLICANT

26/3,K/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014116872 **Image available**
WPI Acc No: 2001-601084/200168
XRPX Acc No: N01-448317

Application **linking method for distributed computer** network , **involves identifying** libraries required **by** application **program interface, and dynamically** loading **into application, by binding with API function call**

Patent Assignee: BEA SYSTEMS INC (BEAS-N)
Inventor: DUNDON J P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6253257	B1	20010626	US 97904401	A	19970731	200168	B

Priority Applications (No Type Date): US 97904401 A 19970731
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6253257	B1		9	G06F-009/00	

Application **linking method for distributed computer** network , **involves identifying** libraries required **by** application **program interface, and dynamically** loading **into application, by binding with API function call**

Abstract (Basic):

... The presence of TOPEND API in **runtime** or remote program environments, is determined based on examination of a registry of operation system **hosting** TOPEND **runtime** or remote environments, to detect existence of TOPENDDIR entry. **Libraries** already available to program environment having API, are detected by setting and **loading** default **library** into current **library** list to detect **libraries** required by API. The detected **libraries** are dynamically **loaded** into application, by binding them with API function call.

... For dynamically mapping **application** program interfaces in distributed computer **network** e.g. TOPEND system...

...A single binary application is provided to transparently work with two different types of **libraries** bound with API in different environments like **runtime** or remote program environments...

...Title Terms: **LOAD** ;

26/3,K/37 (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

008346012 **Image available**
WPI Acc No: 1990-233013/199031
XRPX Acc No: N90-180705
Computer information distributing system - uses information items and dispatch program for sending them to correct ones of multiple **programs**
Patent Assignee: LANDMARK GRAPHICS CORP (LAND-N); LANDMARK GRAPHICS (LAND-N)
Inventor: GOOD W E; HILDEBRAND H A; JANSEN M S; SNYDER C V; STILES J L; WHITFIELD K M; HIDERBRAND H A; SYNDER C V
Number of Countries: 018 Number of Patents: 011
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 380211	A	19900801	EP 90300302	A	19900111	199031	B
AU 9047995	A	19900726				199038	
NO 9000236	A	19900813				199038	
HU 56195	T	19910729				199135	
HU 207170	B	19930301	HU 90160	A	19900116	199313	
EP 380211	A3	19920325	EP 90300302	A	19900111	199327	
US 5448738	A	19950905	US 89297659	A	19890117	199541	
			US 91735156	A	19910723		
			US 92852737	A	19920316		
			US 93790	A	19930104		
EP 380211	B1	19960717	EP 90300302	A	19900111	199633	
DE 69027788	E	19960822	DE 627788	A	19900111	199639	
			EP 90300302	A	19900111		
US 5574917	A	19961112	US 89297659	A	19890117	199651	
			US 91735156	A	19910723		
			US 92852737	A	19920316		
			US 93790	A	19930104		
			US 95452563	A	19950525		
NO 300245	B1	19970428	NO 90236	A	19900116	199724	

Priority Applications (No Type Date): US 89297659 A 19890117; US 91735156 A 19910723; US 92852737 A 19920316; US 93790 A 19930104; US 95452563 A 19950525
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 380211	A				
Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE					
HU 207170	B			G06F-009/06	Previous Publ. patent HU 56195
US 5448738	A		43	G06F-013/14	Cont of application US 89297659
					Cont of application US 91735156
					Cont of application US 92852737
EP 380211	B1	E	44	G06F-009/46	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE					
DE 69027788	E			G06F-009/46	Based on patent EP 380211
US 5574917	A		274	G06F-013/14	Cont of application US 89297659
					Cont of application US 91735156
					Cont of application US 92852737
					Cont of application US 93790
					Cont of patent US 5448738
NO 300245	B1			G06F-017/00	Previous Publ. patent NO 9000236

... **uses information items and dispatch program for sending them to correct ones of** multiple **programs**

...Abstract (Basic): The method operates when a number of application

programs is in operation at the **same time** . Each of the operation programs registers with a **dispatcher** program and gives details of any information it wishes to receive. The computer has a...

...application programs produces a template of information with its codes, and supplies it to the **dispatcher** program which compares the codes with those on its list and sends information to those...
...Abstract (Equivalent): A method for **transferring** information between **multiple** programs (A,B,C) operating **concurrently** in a computer system, the method comprising the steps of registering with a **dispatcher** program to produce a list (82) comprising one or more information codes (70,74,72...

...one or more application programs, each of said information codes representing a specific type or **collection** of said information, each application program identification in said list **associated** with at least one of said information codes, producing selected information and a corresponding information code by an application program, transmitting said selected information and corresponding information code to said **dispatcher** program, comparing said information code which corresponds to said selected information to the information codes ...

...of said application programs which are registered in said list to receive the type of **collection** of information indicated by said information code which corresponds to said selected information, and transmitting...
...Abstract (Equivalent): A method for **transferring** information between **multiple** programs operating **concurrently** in a computer system, said **multiple** programs including at least one information-using **application** program and at least one information-generating application program, the method comprising the computer-executed...

...at least one information-using application program during execution on the computer system with a **dispatcher** program, said at least one information code representing a specific type or **collection** of said information, said registering by said at least one information-using application program being...

...producing a record in said **dispatcher** program including said at least one information code and said application program identification...

...said selected information and corresponding information code by said information-generating application program to said **dispatcher** program ...

...identification of said record said at least one application program which is registered in said **dispatcher** program to receive the type or **collection** of information indicated by said information code which corresponds to said selected information, and...
...Title Terms: **MULTIPLE** ;
International Patent Class (Main): **G06F-009/06** ...

... **G06F-009/46** ...

... **G06F-013/14** ...

... **G06F-017/00**
International Patent Class (Additional): **G06F-013/38** ...

... **G06F-015/20**
Manual Codes (EPI/S-X): **T01-F02** ...

... **T01-F03** ...

... **T01-J**

30/3,K/106 (Item 106 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012531461 **Image available**
WPI Acc No: 1999-337567/199928
Related WPI Acc No: 1998-437814; 1999-337566; 2001-353495
XRPX Acc No: N99-252991
Operation executing for facilitating **distributed software development**
Patent Assignee: ORACLE CORP (ORAC-N)
Inventor: ADUNUTHULA S; ANAND M; CHIEN E
Number of Countries: 081 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9923785	A2	19990514	WO 98US22820	A	19981028	199928	B
AU 9912032	A	19990524	AU 9912032	A	19981028	199940	
US 6026404	A	20000215	US 97794269	A	19970203	200016	
			US 97962414	A	19971031		
EP 1027794	A2	20000816	EP 98955162	A	19981028	200040	
			WO 98US22820	A	19981028		
JP 2001522114	W	20011113	WO 98US22820	A	19981028	200204	
			JP 2000519524	A	19981028		
AU 746391	B	20020502	AU 9912032	A	19981028	200238	
EP 1027794	B1	20030521	EP 98955162	A	19981028	200341	
			WO 98US22820	A	19981028		
DE 69814900	E	20030626	DE 98614900	A	19981028	200350	
			EP 98955162	A	19981028		
			WO 98US22820	A	19981028		
CA 2308772	C	20050215	CA 2308772	A	19981028	200514	
			WO 98US22820	A	19981028		

Priority Applications (No Type Date): US 97962414 A 19971031; US 97794269 A 19970203
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9923785	A2	E	42	H04L-012/00	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 9912032	A				Based on patent WO 9923785
US 6026404	A			G06F-017/30	CIP of application US 97794269
EP 1027794	A2	E		H04L-029/06	Based on patent WO 9923785
Designated States (Regional): DE FR GB NL					
JP 2001522114	W		64	G06F-009/46	Based on patent WO 9923785
AU 746391	B			H04L-012/00	Previous Publ. patent AU 9912032
					Based on patent WO 9923785
EP 1027794	B1	E		H04L-029/06	Based on patent WO 9923785
Designated States (Regional): DE FR GB NL					
DE 69814900	E			H04L-029/06	Based on patent EP 1027794
					Based on patent WO 9923785
CA 2308772	C	E		H04L-029/06	Based on patent WO 9923785

Operation executing for facilitating **distributed software development**

Abstract (Basic):
... In response to a first message, a **dispatcher** (214,220,226) sends a second message to a cartridge execution engine (228,232,236...
... The **dispatchers** (214,220,226) are **associated** with listeners

(210,216,222), respectively. The **dispatchers** selectively route browser requests received by the listeners to the cartridges. For example, assume that listener (210) receives a **browser** request over the **Internet** (208) delivered in the form of a Uniform Resource Locator (UIRL). The browser request serves...

...or an operation to be performed. The listener (210) hands off the browser request to **dispatcher** (214) without any attempt at interpreting the browser request. INDEPENDENT CLAIMS are included for: a...

...one or more sequences of instructions for executing an operation, a system for performing operations **associated** with browser requests...

...In server architectures in **networked** computer systems for **facilitating** distributed software development in a distribution unaware manner...

...Allows tasks performed by the plug-in extensions to be off- **loaded** to other machines, thus, the scalability of the plug-in approach is not limited...
... **dispatcher** (214,220,226...

... **Internet** (208
...Title Terms: **FACILITATE** ;
International Patent Class (Main): **G06F-009/46** ...

... **G06F-017/30**
International Patent Class (Additional): **G06F-001/00** ...

... **G06F-009/54** ...

... **G06F-013/00** ...

... **G06F-015/16**
Manual Codes (EPI/S-X): **T01-H07C3E** ...

... **T01-H07C5E**

30/3,K/39 (Item 39 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015833743 **Image available**
WPI Acc No: 2003-895947/200382
Related WPI Acc No: 1999-059473; 2000-223308; 2001-647521; 2002-237646; 2004-246844
XRPX Acc No: N03-714880

Wireless software updating method in wireless communication system, involves comparing operating software version **of mobile terminal with** current **software** version **of terminal stored in** host **computer or** transfer **protocol server**

Patent Assignee: TELXON CORP (TELX-N)
Inventor: COWAN P A; CRISS M A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6643506	B1	20031104	US 96694637	A	19960807	200382 B
			US 9823857	A	19980213	
			US 98208785	A	19981210	

Priority Applications (No Type Date): US 98208785 A 19981210; US 96694637 A 19960807; US 9823857 A 19980213
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6643506	B1		37	H04M-003/00	Cont of application US 96694637 CIP of application US 9823857 Cont of patent US 5848064

Wireless software updating method in wireless communication system, involves comparing operating software version **of mobile terminal with** current **software** version **of terminal stored in** host **computer or** transfer **protocol server**

Abstract (Basic):
... indicia of operating software version of the mobile terminal is compared with the indicia of **current version** of mobile terminal operating software stored in the **host** computer and the file **transfer** protocol (FTP) server. The operating software stored in the mobile terminal is wirelessly updated, if the operating software **version** of the mobile terminal is not the **current version** .
... g. mobile telephone, pagers, data terminals used in wireless communication system (claimed) using local area **network** (**LAN**), wide area **network** (**WAN**), in retail stores and warehouses for tracking inventory and replenish stock, in transportation industry for managing account of incoming and outgoing shipments, in manufacturing **facilities** for tracking components, completed products, defects, and also for patient care applications...

... **Efficient** and reliable updating of mobile terminal operating software is performed automatically
...Title Terms: **STORAGE** ;
Manual Codes (EPI/S-X): **T01-M06A1** ...

... **T01-N01D**

30/3,K/61 (Item 61 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014834336 **Image available**
WPI Acc No: 2002-655042/200270
XRPX Acc No: N02-517574
Adapting method for network management system application , **involves adapting operation of** network **management system** application **so as to not exchange protocol data units with other nodes of network**
Patent Assignee: HEWLETT-PACKARD CO (HEWP)
Inventor: BRITT S V; KLINGER L A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6430617	B1	20020806	US 99273412	A	19990322	200270	B

Priority Applications (No Type Date): US 99273412 A 19990322
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6430617	B1		14	G06F-013/00	

Adapting method for network management system application , **involves adapting operation of** network **management system** application **so as to not exchange protocol data units with other nodes of network**
Abstract (Basic):
... The method involves adapting operation of the **network** management system **application** so as to not exchange protocol data units with other nodes of a network in excess of the saturation point. The protocol data unit exchange saturation point of the **host** system is **determined** by operation of the **network** management system **application** .
... b) and a computer readable **storage** medium...

...Used for adapting operation of a **network** management system **application** to a **host** system capacity...

...Enables **network** management system **applications** to offer a third option to **network** managers. Allows **network** management system components **applications** to **determine** the maximum rate at which they can transmit and receive **network** traffic on a given **host** computer system. Enables dynamically **determining** the level of performance of the **network** management system **application** which over utilizes some resources of its lhost system...
International Patent Class (Main): **G06F-013/00**
Manual Codes (EPI/S-X): **T01-N02B1** ...

... **T01-S03**

30/3,K/73 (Item 73 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014419331 **Image available**
WPI Acc No: 2002-240034/200229
Related WPI Acc No: 2002-240816
XRPX Acc No: N02-185199

Profiling distributed application environment for distribution and division of applications software program code by transmitting portion of configuration information to at least one server

Patent Assignee: TRANCEIVE TECHNOLOGIES INC (TRAN-N); LADD P (LADD-I); LOGSTON G (LOGS-I)
Inventor: LADD P; LOGSTON G
Number of Countries: 094 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200177815	A2	20011018	WO 2001US10883	A	20010404	200229 B
US 20020032754	A1	20020314	US 2000194953	P	20000405	200229
			US 2001826201	A	20010404	
AU 200149822	A	20011023	AU 200149822	A	20010404	200229

Priority Applications (No Type Date): US 2000583064 A 20000530; US 2000194953 P 20000405; US 2001826201 A 20010404
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200177815	A2	E	45	G06F-009/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020032754	A1	G06F-015/16	Provisional application US 2000194953	
AU 200149822	A	G06F-009/00	Based on patent WO 200177815	

Abstract (Basic):

... The method involves **downloading** at least a portion of a distributed application to the at least one client device (208). The **downloaded** portion started for querying at least one client device for configuration information. At least a...

... A subscriber management system (SMS) monitoring distributed application portion server (DASP) (304) reports to the **manager** DASP (302) every time it adds, modifies, or removes a client device record from the system profile. After the initial system profile is created, an SMS **database** (306) is monitored for changes, and the system profile modified accordingly...

...b) an apparatus for obtaining the configuration of a client device connected to a **network**
(...

...c) a method of **transferring** configuration information relating to a processing device in data communication **network**
(...

...d) a distributed **application** for use in data **network**
(...

...e) a client device adapted for ruse on a data **network**
...

...For distribution and division of applications software program code and other **associated** components between the client device(s) and server(s) on the **network** .
...

...fiber/coaxial (HFC) **networks** (210...

...SMS **database** (306
International Patent Class (Main): **G06F-009/00** ...

... **G06F-015/16**
Manual Codes (EPI/S-X): **T01-F05B2** ...

... **T01-J05B4P** ...

... **T01-J20B2** ...

... **T01-N01D3** ...

... **T01-N02A3C**

30/3,K/102 (Item 102 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012933144 **Image available**
WPI Acc No: 2000-104991/200009
XRPX Acc No: N00-080643
Distributed applications processing device with host **coupled to peripheral device using** network
Patent Assignee: SUN MICROSYSTEMS INC (SUNM)
Inventor: GAO J; PELISSIER G; YAN A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6003065	A	19991214	US 97845564	A	19970424	200009	B

Priority Applications (No Type Date): US 97845564 A 19970424
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6003065	A		104	G06F-013/00	

Distributed applications processing device with host **coupled to peripheral device using** network

Abstract (Basic):
... A **host** (102A) selects particular peripheral device (102B-102G) which should execute an application with a virtual machine instruction. A **download** mechanism **transfers** the application to the selected peripheral device. The peripheral device has a virtual machine instruction...
... The **host** computer has a **network** interface coupled to **network** for bidirectional transmission of data between **host** computer and **network** . A **storage** device stores the **application** . The peripheral device has another **network** interface coupled to the **network** . The peripheral devices included in **database** (110) includes printed devices. A predetermined criteria is used to select the peripheral device, including...

...For distributed processing of **applications** , with **host** computer coupled by **network** to peripheral devices, for use in business organization, for distribution of processing over **Internet** and **Intranet** .
...

...Executables running on **host** device are also **efficiently downloaded** and executed **efficiently** on target peripheral device. Executables are shared, thus opening up robust communication between the peripheral device and **host** machine. Results in lower total cost of operation and ownership because peripheral devices can be managed more easily and **efficiently** . The distributed data processing system based on peripheral devices presents attractive price for performance characteristics...
...The figure shows the computer **network** .
...

... **Host** computer (102A...

... **Database** (110
...Title Terms: **HOST** ;
International Patent Class (Main): **G06F-013/00**
International Patent Class (Additional): **G06F-015/16**

Manual Codes (EPI/S-X): **T01-F05G3** ...

... **T01-H05A** ...

... **T01-H07C3E** ...

... **T01-M02A1B** ...

... **T01-M09**

30/3,K/114 (Item 114 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011733282 **Image available**
WPI Acc No: 1998-150192/199814
XRPX Acc No: N98-119288
Software version management system of network - has client provided with execution unit which executes replaced client program whose version is in accordance with that of server program
Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10021059	A	19980123	JP 96172271	A	19960702	199814	B
JP 3119166	B2	20001218	JP 96172271	A	19960702	200102	

Priority Applications (No Type Date): JP 96172271 A 19960702
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10021059	A		17	G06F-009/06	
JP 3119166	B2		17	G06F-009/06	Previous Publ. patent JP 10021059

Software version management system of network -

...Abstract (Basic): a receiving unit which receives the version check request and the forwarded version information. A **storage** unit stores predetermined version information of a server program (14). A checking unit of the...

...the client program with the predetermined version information of the server program read from the **storage** unit...

...operation. Enables to replace client program reliably. Prevents degradation of capability and increase of unprepared **load** . Attains **efficient** system implementation. Reduces burden of system **administrator** .

...Title Terms: **NETWORK** ;
International Patent Class (Main): **G06F-009/06**
International Patent Class (Additional): **G06F-013/00**
Manual Codes (EPI/S-X): **T01-C03A** ...

... **T01-F06** ...

... **T01-H07C3E** ...

... **T01-S01B**

30/3,K/140 (Item 140 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

06454430 **Image available**
FIRMWARE UPDATION SYSTEM

PUB. NO.: 2000-040003 [JP 2000040003 A]
PUBLISHED: February 08, 2000 (20000208)
INVENTOR(s): SASAKI KENICHI
APPLICANT(s): NEC CORP
APPL. NO.: 10-207379 [JP 98207379]
FILED: July 23, 1998 (19980723)

INTL CLASS: **G06F-009/445** ; **G06F-009/06**

ABSTRACT

PROBLEM TO BE SOLVED: To **efficiently** update firmware on a peripheral device side while **facilitating** the management of firmware on a **host** device side at the time of updating the firmware of the peripheral device from the **host** device.

SOLUTION: In this firmware updation system, a **host** computer 10 which holds firmware FW-A of the **latest version** is connected to a peripheral device 20 which performs data transmission and reception based on the control of the firmware FW-A through a **network** , and when the firmware FW-A of the device 20 is updated, the device 20 transmits an updation request for firmware to the computer 10 to make it **transfer** the firmware of the **latest version** , receives the **transferred** firmware FW-A of the **latest version** , compares it with firmware FW-A stored in the device 20, searches for only its...

30/3,K/129 (Item 129 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

008285704 **Image available**
WPI Acc No: 1990-172705/199023
XRPX Acc No: N90-134316

Personal computer system for processing - has data transport software, interfacing requester program and transfers **translated command to** host **server**

Patent Assignee: CANON KK (CANO); HEWLETT-PACKARD CO (HEWP)
Inventor: BLAKELY F W; HALL G T; IWAMOTO S; NOJIRI M; SCACCIA J; UMEZAWA Y; WINKLEBLACK S; WINKLEBLAC S
Number of Countries: 006 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 371229	A	19900606	EP 89117755	A	19890926	199023 B
US 5124909	A	19920623	US 88265421	A	19881031	199228
EP 371229	A3	19920429	EP 89117755	A	19890926	199329
CA 1328024	C	19940322	CA 611629	A	19890915	199417
US 5375207	A	19941220	US 88265421	A	19881031	199505
			US 91796481	A	19911122	
EP 371229	B1	19960306	EP 89117755	A	19890926	199614
DE 68925866	E	19960411	DE 625866	A	19890926	199620
			EP 89117755	A	19890926	

Priority Applications (No Type Date): US 88265421 A 19881031
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 371229	A				
Designated States (Regional): DE FR GB IT					
US 5124909	A		12	G06F-001/00	
US 5375207	A		11	G06F-003/00	Cont of application US 88265421
					Cont of patent US 5124909
EP 371229	B1	E	13	G06F-015/16	
Designated States (Regional): DE FR GB IT					
DE 68925866	E			G06F-015/16	Based on patent EP 371229
CA 1328024	C			G06F-015/16	

... **has data transport software, interfacing requester program and** transfers **translated command to** host **server**

...Abstract (Basic): The computer system has a **host** computer (20), one or more personal computers (10) and a data transport system (30,31...

...computer (10) resides a number of applications (11). Each may utilise the resources on the **host** computer (20) by use of a requester program (13,15) existing on the personal computer (10) and a **host** server (24) residing on the **host** computer (20). When the application (11) desires a command to be processed by the **host** server (24), the application (11) **transfers** the command to the requester program (13,15). The requester program (13,15) translates or reformats the command and **associated** information in preparation for sending the command et al. to the **host** computer (20...

...interfaces the requester program (13,15) with the data transport system (30,31) and the **host** server (24) with the transport system (30,31). The translated command is **transferred** from the requester program (13,15) to the **host** server (24). The **host** server (24) oversees the execution of the command. The **host** server (24) may call data base

intrinsics (22), operating system intrinsics (21) or remote procedure intrinsics (23) to execute the command. When the **host** server (24) is started in response to a request originated by an application (11), **host** server (24) allocates a certain amount of memory on the **host** computer (20) for use as a scratch pad...

...Abstract (Equivalent): The computer system has a **host** computer (20), one or more personal computers (10) and a data transport system (30,31 ...

...computer (10) resides a number of applications (11). Each may utilise the resources on the **host** computer (20) by use of a requester program (13,15) existing on the personal computer (10) and a **host** server (24) residing on the **host** computer (20). When the application (11) desires a command to be processed by the **host** server (24), the application (11) **transfers** the command to the requester program (13,15). The requester program (13,15) translates or reformats the command and **associated** information in preparation for sending the command et al. to the **host** computer (20...

...interfaces the requester program (13,15) with the data transport system (30,31) and the **host** server (24) with the transport system (30,31). The translated command is **transferred** from the requester program (13,15) to the **host** server (24). The **host** server (24) oversees the execution of the command. The **host** server (24) may call **data base** intrinsics (22), operating system intrinsics (21) or remote procedure intrinsics (23) to execute the command. When the **host** server (24) is started in response to a request originated by an application (11), **host** server (24) allocates a certain amount of memory on the **host** computer (20) for use as a scratchpad. (15pp Dwg.No.1/5...

...EP-371229 Method for executing a **plurality** of commands by a **host** computer in a computer system having at least one first computer (10), the **host** computer (20) and a data transport system (30,31), the data transport system being coupled to the first computer (10) and to the **host** computer (20), the **plurality** of commands being originated by an **application** process which resides on the first computer (10), the method comprising the steps of: (a...

...function call from the application process over the data transport system (30,31) to the **host** computer (20) thus establishing a session which is dedicated specifically to the execution of the **plurality** of commands being originated by the **application** process, step (a) being initiated by the **application** process when the **application** process **determines** that at least one of the **plurality** of commands is to be executed by the **host** computer (20); (b) during the session transporting commands from the first computer (10) to the **host** computer (20) over the data transport system (30,31); (c) receiving of the commands by a **host** server programme (24) residing on the **host** computer (20); and (d) executing the commands by the **host** server program (24) running on the **host** computer (20) thereby calling for intrinsic program segments (21,22,23), characterised by the further steps of: (e) reserving, by the **host** server program (24), a portion of memory in the **host** computer as a scratch pad (27) for the application process to use as temporary **storage** on the **host** server, and (f) performing the following substeps in response to commands from the application process...

...Abstract (Equivalent): The method involves establishing a session between an application process and a **host** computer, the session being dedicated to executing commands originating at the application process.

The application process **transfers** the commands from the application process to a requester program segment which prepares information for the **host** computer. The commands are translated and transported during the first session from a first computer to the **host** .

...

...The commands are received by a **host** server program which calls program segments to execute the translated commands. A **database** of program segments is called executing commands which operate on the **data base** . The program segments are called to execute commands normally executed by the **host** operating system. The program segments are again called to execute commands specific to the application...

...A data transport system sends data back and forth between the **host** computer and the personal computers. Inndividual application on a personal computer utilise resources on the **host** computer by use of a requester process existing on the personal computer...

...The requester process translates or reformats commands and **associated** information for sending to the **host** computer. A **host** server oversees the execution of such commands received by the **host** computer, and may call **database** intrinsics, operating system intrinsics, or remote procedure intrinsics to obtain execution of the command...

...USE - In a computer system having a **host** computer connected to one or more personal computers.

...Title Terms: **TRANSFER** ;

International Patent Class (Main): **G06F-001/00** ...

... **G06F-003/00** ...

... **G06F-015/16**

International Patent Class (Additional): **G06F-009/46** ...

... **G06F-015/40** ...

... **G06F-017/30**

Manual Codes (EPI/S-X): **T01-F05** ...

... **T01-J02**

30/3,K/78 (Item 78 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014292370 **Image available**
WPI Acc No: 2002-113072/200215
Related WPI Acc No: 2002-129583; 2002-254107; 2002-392935
XRPX Acc No: N02-084172
Network communications system for partitioned mainframe class data processing system, has host **-network interface which stores indication about client communication in different Ethernet frame formats**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: GIOQUINDO P M; LEE C; RATCLIFF B H; VALLEY S R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6330616	B1	20011211	US 98152370	A	19980914	200215	B

Priority Applications (No Type Date): US 98152370 A 19980914
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6330616	B1		18	G06F-015/173	

Network communications system for partitioned mainframe class data processing system, has host **-network interface which stores indication about client communication in different Ethernet frame formats**

Abstract (Basic):
... A **host** -network interface transmits the address resolution protocol (ARP) requests in Ethernet DIX format and Ethernet...
... Dynamically **determines Ethernet** frame format at communications adapter of **host - network** interface. Hence an user **application** does not have to specify the **network** type in **host** configuration and results in reduced configuration information at the **host** system. Requires only one common non-network specific channel device driver, at each logical partition of **host** system. Requires less IP addresses for **host** connections to network. Utilizes single IP address within a partition to communicate with any number...
...Title Terms: **HOST ;**
International Patent Class (Main): **G06F-015/173**
International Patent Class (Additional): **G06F-015/16**
Manual Codes (EPI/S-X): **T01-C03B** ...

... **T01-M02A1** ...

... **T01-N02A3B**

30/3,K/71 (Item 71 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014460082 **Image available**
WPI Acc No: 2002-280785/200232
XRPX Acc No: N02-219306
Host **computer for** network **data** transfer **determines IP address, web browsing, screen sharing and guest computer types to** transfer **HTML page**
Patent Assignee: FULLERTON M (FULL-I); MORRISON F (MORR-I)
Inventor: FULLERTON M; MORRISON F
Number of Countries: 096 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200215026	A1	20020221	WO 2001US25079	A	20010810	200232	B
US 20020038346	A1	20020328	US 2000224460	P	20000810	200232	
			US 2001927983	A	20010810		
AU 200184799	A	20020225	AU 200184799	A	20010810	200245	

Priority Applications (No Type Date): US 2000224460 P 20000810; US 2001927983 A 20010810
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200215026	A1	E	27	G06F-015/16	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020038346	A1	G06F-015/16	Provisional application US 2000224460	
AU 200184799	A	G06F-015/16	Based on patent WO 200215026	

Host **computer for** network **data** transfer **determines IP address, web browsing, screen sharing and guest computer types to** transfer **HTML page**

Abstract (Basic):
... Computer comprises a **host** computing machine connected to a **network** and a memory **storage** device with a program executed to establish connection to guest computers over the **network** , **determine** the IP address, web **browser** type, guest computer type and screen sharing software type, and to **transfer** a HTML page containing a link with active code. The code contains data and executable instructions operating the screen sharing program and data **transfer** without the guest computers subsequently being connected to the **host** computer.
... CLAIM for a method of viewing a file stored on a remote computer over the **Internet** .
...

...Computer provides a simple and cost **effective** cross-platform for browser-based screen sharing among heterogeneous users over the **Internet** , allows screen sharing without web server involvement, does not require web server applications to be
Title Terms: **HOST** ;
International Patent Class (Main): **G06F-015/16**
Manual Codes (EPI/S-X): **T01-N01A2D** ...

... **T01-N01D2**

30/3,K/66 (Item 66 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014603839 **Image available**
WPI Acc No: 2002-424543/200245
Related WPI Acc No: 2000-655220; 2003-419742; 2005-520647
XRPX Acc No: N02-333736
Client-server network **for universal** application **server system, retrieves appropriate protocol engine and display engine from** database **for providing** required application **program, based on request from client**
Patent Assignee: SANTA CRUZ OPERATION INC (SANT-N)
Inventor: ANDERSON R; BINNS R D; BURGESS K R; CARTWRIGHT P C; PULLAN J M; SCHEYBELER C; SHAW A; SHIRE A J; STURGEON B J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6362836	B1	20020326	US 9880790	P	19980406	200245 B
			US 98190757	A	19981112	
			US 99282765	A	19990331	

Priority Applications (No Type Date): US 9880790 P 19980406; US 98190757 A 19981112; US 99282765 A 19990331
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6362836	B1		26	G06F-007/00	Provisional application US 9880790 CIP of application US 98190757 CIP of patent US 6104392

Client-server network **for universal** application **server system, retrieves appropriate protocol engine and display engine from** database **for providing** required application **program, based on request from client**

Abstract (Basic):
... application server (250) retrieves application program request from a client, based on which a session **manager** (270) retrieves appropriate protocol engine and display engine from a **database** (271) for providing requested application program to client. The server determines existence of requested application...
... An INDEPENDENT CLAIM is also included for client-server **network** **load** balance method...

...Client-server **network** for universal **application** server system...

...Requested application program is executed reliably, by selecting appropriate protocol engine and display engine, thus **optimal** performance is ensured and **load** balancing is performed **efficiently** .

...

...The figure shows the universal **application** server system with client-server **network** .
...

...Session **manager** (270...

... **Database** (271
...Title Terms: **NETWORK** ;
International Patent Class (Main): **G06F-007/00**

Manual Codes (EPI/S-X): **T01-F02C2 ...**
... T01-N02A2C

30/3,K/43 (Item 43 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015681355 **Image available**
WPI Acc No: 2003-743544/200370
XRPX Acc No: N03-595433
Computer network **for** internet application , **has ports assigned with** common **unique world wide name and** multipath **drivers to** determine **signal path between** host **bus adapter and** storage **system**
Patent Assignee: DELL PROD LP (DELL-N)
Inventor: LUNING S G; TAWIL A H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6625747	B1	20030923	US 2000609085	A	20000630	200370	B

Priority Applications (No Type Date): US 2000609085 A 20000630
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6625747	B1		7	G06F-011/00	

Computer network **for** internet application , **has ports assigned with** common **unique world wide name and** multipath **drivers to** determine **signal path between** host **bus adapter and** storage **system**
Abstract (Basic):
... The **storage** system (62) consists of controllers (64,68) have same common node world wide name and...

...port world wide name. The server includes multipath drivers (52) which is communicatively coupled to **host** bus adapters (HBA) (54,56). The multipath driver determines signal path between HBA and **storage** system.
... For **internet applications** , multimedia **applications** , data warehousing online transaction processing and medical imaging...

... **host** bus adapter (54,56...

... **storage** system (62
...Title Terms: **HOST** ;
International Patent Class (Main): **G06F-011/00**
Manual Codes (EPI/S-X): **T01-G** ...

... **T01-N**

30/3,K/40 (Item 40 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015724543 **Image available**
WPI Acc No: 2003-786743/200374
XRPX Acc No: N03-630482

Process control management system for audio/video file system, has local process objects having variables stored at dedicated location, which are retrieved upon execution of corresponding file system processes

Patent Assignee: SONY CORP (SONY)
Inventor: DURUOZ I C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020165869	A1	20021107	US 2001272804	P	20010301	200374 B
			US 20015206	A	20011203	

Priority Applications (No Type Date): US 2001272804 P 20010301; US 20015206 A 20011203
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020165869	A1		16	G06F-012/00	Provisional application US 2001272804

Abstract (Basic):

... The local process objects (78-82) having **several** variables stored at a dedicated location, correspond to file system processes (92) which are executed...

... 2) process control **manager** .

...

...of digital (A/V) input/output (I/O) devices such as camcorder used in various **applications** including motion pictures, video game console, **Internet** appliance and personal computer (PC) multimedia **application** .

...

... **Facilitates** **optimization** of A/V operations, while supporting **efficient** allocation of disk space for both large and small files...

...The figure shows a simplified schematic diagram of the process control **manager** .

...

...process control **manager** (50
Technology Focus:

... **Transfer** of audio/video (A/V) commands is **facilitated** by communication interface conforming to IEEE 1394 standards.

...Title Terms: **STORAGE** ;
International Patent Class (Main): **G06F-012/00**
Manual Codes (EPI/S-X): **T01-C07C4** ...

... **T01-F05E** ...

... **T01-N01D1** ...

... **T01-N02B1A**

30/3,K/37 (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016327977 **Image available**
WPI Acc No: 2004-485874/200446
XRPX Acc No: N04-383099
Data processing environment for web application server, has database **management system having temporary files storing files and engine** loading **files into different temporary files, where temporary files are deleted upon processing**
Patent Assignee: UNISYS CORP (BURS)
Inventor: BEHR G L; GERMSCHEID P S; GRETTER E J; GUHL T J; KRESS D J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6751618	B1	20040615	US 99449288	A	19991124	200446	B

Priority Applications (No Type Date): US 99449288 A 19991124
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6751618	B1		25	G06F-017/30	

Data processing environment for web application server, has database **management system having temporary files storing files and engine** loading **files into different temporary files, where temporary files are deleted upon processing**

Abstract (Basic):
... The environment (240) has a **facility** coupled to a **database** management system and allowing a user terminal (242) to communicate with the system. A service request of the terminal **uploads** files to the system and requests file processing. Temporary files in the system temporarily store the files. An engine unpacks and **loads** the files into different temporary files. The temporary files are deleted upon processing the files.
... 1) an apparatus having a user terminal and a **data base** management system...

...2) a method of utilizing a user terminal to access a remote **data base** management system having a **data base** via a publicly accessible digital data communication **network** .
...

...Used for **uploading multiple** files and invoke a script to use the files in a single browser request in...

...The temporary files are deleted upon processing the files, thereby allowing an **application** developer to make **efficient multiple** file data **transfers** from the user terminal without a need to analyze the **transfer** in a binary form...

...The drawing shows a diagram of a **storage** and utilization of state information within a **repository** .
...

... **Internet** (250...

...State **manager** (260...

... **Data base** (264

...Title Terms: **DATABASE** ;
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): **G06F-007/00**
Manual Codes (EPI/S-X): **T01-J05B4M** ...

... **T01-N02B1A** ...

... **T01-N03A1**

30/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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017172587 **Image available**
WPI Acc No: 2005-496203/200550
Related WPI Acc No: 2005-239490
XRPX Acc No: N05-404687

Method for host **computer to act as proxy for communication in virtual circuit** network **, involves storing mappings between local device addresses and identifications in table using data from virtual interface are mapped to local devices**

Patent Assignee: MICROSOFT CORP (MICT)
Inventor: JEFFREY M T; MOORE T M; SESTAK M R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20050141512	A1	20050630	US 99459670	A	19991213	200550	B
			US 200567017	A	20050228		

Priority Applications (No Type Date): US 99459670 A 19991213; US 200567017 A 20050228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050141512	A1		10	H04L-012/28	Cont of application US 99459670 Cont of patent US 6862285

Method for host **computer to act as proxy for communication in virtual circuit** network **, involves storing mappings between local device addresses and identifications in table using data from virtual...**

Abstract (Basic):
... The requests are received from **applications** running on local area **network** devices for connection with virtual circuit **network** devices. The requests are parsed to virtual devices and answers with virtual circuit identifications are...
... 1) **host** computer; and...

...2) computer readable medium storing program for **host** computer to act as proxy...

...For allowing **host** computer (claimed) to act as proxy between devices on local area **network** and devices on virtual circuit **networks** such as automatic **transfer** mode (ATM) **network** .
...

...The calling devices in the internal **network** communicate with the virtual circuit **network** though the proxy **host** **efficiently** .
...

...The figure shows a block diagram of the **network** of calling devices and proxy **host** .
...

... **network** links (98a-98c
...Title Terms: **HOST** ;
Manual Codes (EPI/S-X): **T01-N02A1** ...
... **T01-S03**

26/3,K/35 (Item 35 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

008704294 **Image available**
WPI Acc No: 1991-208315/199128
XRPX Acc No: N91-159040
Software engineering for cooperative processing - using run time **architecture with pre-programmed presentation services and software tools to manage execution**
Patent Assignee: ANDERSEN CONSULTING (ANDE-N)
Inventor: ARVANITIS Y S; BAKSHI A R; LONGNECKER C G; OLENICH M W; REYNOLDS W D; SCHUTTE B; STEINBERG S G; WERNER T G; ZUCKER E A; ZUCKER E
Number of Countries: 017 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9109365	A	19910627				199128	B
US 5301270	A	19940405	US 89452673	A	19891218	199413	
WO 9109365	A3	19911031	WO 90US7490	A	19901218	199509	

Priority Applications (No Type Date): US 89452673 A 19891218
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9109365	A				
	Designated States (National): BR CA JP				
	Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE				
US 5301270	A		39	G06F-015/62	

... **using** run time **architecture with pre-programmed presentation services and software tools to manage execution**

...Abstract (Basic): and comprises pre-programmed server front end (226) distribution services (228), application functions (230) and **database** access services (232...

...Server application (238) executed on a **host** computer (212) includes a preprogrammed server front end (240). Message **managers** (234,236) automatically route and **transfer** messages from a client application (216) to a server application (238). A window painting unit...
...Abstract (Equivalent): an electronic data format. A construction unit generates the user application from the specifications. The **application** can be executed on one of **several** computer hardware platforms...

...A **run - time** execution architecture executes the user application on the computer hardware platforms. The **run - time** execution architecture means contains a pre-programmed presentation services unit for managing **several** user-interface functions for the **application** , a pre-programmed distribution services unit for routing and **transferring** messages between the two user applications. A user-programmed application services unit implements user-defined...

26/3,K/32 (Item 32 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009653716 **Image available**
WPI Acc No: 1993-347266/199344
XRPX Acc No: N93-268285

Electronic computer aided design system - immediately updates changes made by one program to design data set and automatically reflects changes in displayed outputs of other design tools

Patent Assignee: LSI LOGIC CORP (LSIL-N)
Inventor: ERIKKSON A T; JONES E; KONG S; EIRIKKSON A T
Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2266981	A	19931117	GB 939494	A	19930507	199344	B
GB 2266981	B	19951122	GB 939494	A	19930507	199550	
US 5526517	A	19960611	US 92883860	A	19920515	199629	

Priority Applications (No Type Date): US 92883860 A 19920515
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2266981	A		51	G06F-015/60	
GB 2266981	B		1	G06F-017/50	
US 5526517	A		15	G06F-017/30	

...Abstract (Basic): for graphical display of information, a user input receiver, and appts. for sharing data between **simultaneously** active programs. The data items include one or more sets of design files and a ...

...an operating system, a graphical user interface, and a number of application programs. A communication **manager** sends a program to identify a message as being **associated** with one of a number of predetermined message classes...

...A message receiving program registers request to receive only messages **associated** with one of a subset of the predetermined message classes. Each message is identified by a sending program as being **associated** with one of the of message classes, and such that each such identified message may...

...and such that said message receiving program may receive only those messages identified as being **associated** with one of the subset of predetermined message classes for which it has registered a...

...ADVANTAGE - Eliminates large portion of data **transfer** and computes **load** required to process modified design...
...Abstract (Equivalent): of information, means for receiving input from a user, and means for sharing data between **simultaneously** active programs...

...a **plurality** of **application** programs...

...a communication **manager** including means for a message sending program to identify a message as being **associated** with one of a **plurality** of predetermined message classes...

...means for a message receiving program to register requests to receive only messages **associated** with one of a subset of said **plurality** of

predetermined message classes...

...on said workstation such that each message is identified by a sending program as being **associated** with one of said **plurality** of message classes, and such that each such identified message may be made available to...

...and such that said message receiving program may receive only those messages identified as being **associated** with one of said subset of said **plurality** of predetermined message classes for which it has

registered a request to receive; and...

...a data **manager** further comprising...

...means for **loading** said shared dataset with data items available for common use by one or more of...
...Abstract (Equivalent): receiving input from a user into said computer workstation, and means for sharing data between **simultaneously** active programs operating in said computer workstation...

...a **plurality** of **application** programs sharing said shared dataset...

...a communication **manager** communicative with said incremental compiler and with said incremental linker, including means for a message sending program to identify a message being sent by said message sending program as being **associated** with one of a **plurality** of predetermined message classes by tagging said message with a message class...

...means for a message receiving program to register requests to receive only messages **associated** with one of a subset of said **plurality** of predetermined message classes...

...on said workstation such that each message is identified by a sending program as being **associated** with one of said **plurality** of message classes, and such that each such identified message may be made available to...
...and such that said message receiving program may receive only those messages identified as being **associated** with one of said subset of said **plurality** of predetermined message classes for which it has registered a request to receive; and...

...means for storing messages identified as requiring permanent **storage** by the sender of the message...

...a data **manager** communicative with said communications **manager** , further comprising...

...means for **loading** said shared dataset with data items available for common use by one or more of...

...a tool **manager** communicative with said communications **manager** and with said operating system including...
International Patent Class (Main): **G06F-015/60** ...

... **G06F-017/30** ...

... **G06F-017/50**
Manual Codes (EPI/S-X): **T01-J15A2** ...

26/3,K/31 (Item 31 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010137431 **Image available**
WPI Acc No: 1995-038682/199506
XRPX Acc No: N95-030628
Relational database **management system using structured query language - provides** several library **procedures generalised for manipulation of user** application **files for use of data** manager **and** installed **with** database **management system**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: CHANG D Y; MALKEMUS T R
Number of Countries: 004 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 633538	A2	19950111	EP 94304630	A	19940624	199506	B
EP 633538	A3	19950322	EP 94304630	A	19940624	199543	
US 5504886	A	19960402	US 9386785	A	19930702	199619	

Priority Applications (No Type Date): US 9386785 A 19930702
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 633538	A2	E	13	G06F-017/30	
Designated States (Regional): DE FR GB					
US 5504886	A		10	G06F-017/30	
EP 633538	A3			G06F-017/30	

Relational database **management system using structured query language** ...

...**provides** several library **procedures generalised for manipulation of user** application **files for use of data** manager **and** installed **with** database **management system**

...Abstract (Basic): is created in which the column definitions are stored and which is accessible to a **run - time manager** of the relational **database** management system...
...Abstract (Equivalent): A method of manipulating application files through a relational **database** management system on a computer, the application file consisting of tuples of atomic data, the...
...Title Terms: **DATABASE** ;

26/3,K/27 (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011713239 **Image available**
WPI Acc No: 1998-130149/199812
Related WPI Acc No: 1997-118661
XRPX Acc No: N98-102792
Embedding trial application program into target system memory space for development, optimisation **and debugging - interrogating target system memory to determine memory space where trial program can be embedded, resolving trial program address references into target memory space references and down-** loading **program to target system memory space**
Patent Assignee: RES IN MOTION LTD (REIN-N)
Inventor: BARNSTIJN M A; CHURCH M E; LAZARIDIS M; LINKERT B W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5715387	A	19980203	US 95386528	A	19950210	199812 B
			US 96742632	A	19961101	

Priority Applications (No Type Date): US 95386528 A 19950210; US 96742632 A 19961101
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5715387	A		17	G06F-009/455	Cont of application US 95386528 Cont of patent US 5600790

Embedding trial application program into target system memory space for development, optimisation **and debugging...**

...can be embedded, resolving trial program address references into target memory space references and down- loading **program to target system memory space**

...Abstract (Basic): correct operation of a computer program to operate on a target system whose processing and **storage** capabilities are more austere than the **host** system upon which the computer program is designed and tested. A developer executes and debugs an application program on a **host** system while observing and testing the operation of the program through the input-output of...

...An application **loader** dynamically sizes and, as necessary, reconfigures the available memory to permit **multiple applications** to reside **simultaneously** on the target system by resolving addresses in the target system at the time an application of interest is **downloaded** to the target system...
...Title Terms: **OPTIMUM ;**
International Patent Class (Main): **G06F-009/455**
Manual Codes (EPI/S-X): **T01-F01B**

26/3,K/23 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013575327 **Image available**
WPI Acc No: 2001-059534/200107
XRPX Acc No: N01-044419
Computer application software execution system has run time **events** manager **accessing only models that is registered based on registration process, exclusive of reference to method capable of invoking another method**
Patent Assignee: MAVES INT SOFTWARE INC (MAVE-N)
Inventor: BENNETT J; CLARKE M; MAVES W; MCGUIRK F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6125442	A	20000926	US 97990181	A	19971212	200107	B

Priority Applications (No Type Date): US 97990181 A 19971212
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6125442	A		60	G06F-009/45	

Computer application software execution system has run time **events** manager **accessing only models that is registered based on registration process, exclusive of reference to method...**

Abstract (Basic):
... model does not contain a reference to a method capable of invoking another method. The **run time** events **manager** (RTEM) (10) accesses only the models registered based on the registration process.
... The **run time** events **manager loads** the selected models containing data including references to one or more objects, into a memory from the **storage** medium. The manage read the selected models, and when a reference to objects is read...

...a) computer implemented method for operating a **database** system...

...b) computer implemented **database** system...

...Alleviates **several application** designs, tests and modification problems encountered by users of existing techniques. The RTEM repeatedly checks...

...keeping track of time or other functions. Eliminates need for write code for implementing functionality **associated** with the application. Enables implementing elastic **database** that permits dynamically extensible **database** functionality...
... **Run time** events **manager** (10
International Patent Class (Main): **G06F-009/45**
Manual Codes (EPI/S-X): **T01-F05A** ...

... **T01-J05B4M** ...

... **T01-J20A** ...

... **T01-M02A1B** ...

... **T01-S01B**

26/3,K/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013955834 **Image available**
WPI Acc No: 2001-440048/200147
XRPX Acc No: N01-325399
Inter-operation of differing architectural and run time **conventions involves copying one of legacy portion and native portion into linkage table residing in second module with reference to function**
Patent Assignee: HEWLETT-PACKARD CO (HEWP)
Inventor: BUZBEE W B; COUTANT C; ISTVAN A F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6199202	B1	20010306	US 983573	A	19980106	200147	B

Priority Applications (No Type Date): US 983573 A 19980106
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6199202	B1		11	G06F-009/45	

Inter-operation of differing architectural and run time **conventions involves copying one of legacy portion and native portion into linkage table residing in...**

Abstract (Basic):
... native module. One of the legacy module and native module is executed within the current **host** system. INDEPENDENT CLAIMS are also included for the following...

...a) the operating system of **application** in the **current host** system ...

...b) and the computer-readable medium storing the program for operating an **application** in **current host** system...

...and native mode code to be placed in same program is allowed and program to **transfer** control freely back and forth between two modes in a transparent manner is permitted. Performs...

...to calls made within same mode. Allows inter-operation of disparate code in same application. **Facilitates** necessary conversions between **run time** architectures and invocation of any necessary instruction emulators. Eliminates need for argument reformatting or marshalling...

...The figure shows the main program compiled in the legacy code and linked to two **libraries** .

```
Set     Items   Description
S1   13523110   DETERMIN? OR MONITOR? OR ASCERTAIN? OR ASSESS? OR EVALUAT?
             OR JUDGE? OR TRACK? OR PROFIL?
S2    6474179   KNOWN? OR EXISTING? OR OLDER? OR COMMON? OR RECOGN? OR EAR-
             LIER? OR DEFAULT?
S3    4322903   LOAD? OR INSTALL? OR DOWNLOAD? OR BOOT? OR TRANSFER? OR UP-
             LOAD?
S4    6784916   LATEST? OR REQUIRED? OR REQUISIT? OR NEWEST? OR MOST()(REC-
             ENT? OR UP(2W)DATE OR NEW) OR BETA? OR CURRENT? OR NEEDED? OR
             UPDAT?
S5    6831079   MULTIP? OR PLURAL? OR MULTIT? OR SEVERAL? OR MANY
S6    3723179   NETWORK? OR NET? ? OR ETHERNET? OR INTERNET? OR LAN? ? OR -
             WAN? ? OR INTRANET? OR EXTRANET?
S7    8240792   VERSION? OR APPLICATION? OR BROWSER? OR RELEASE? OR EDITIO-
             N? OR SOFTWARE?
S8    1030820   HOST? OR DISPATCHER? OR MANAGER? OR SUPERVISOR? OR CHIEF? -
             OR ADMINISTRATOR? OR DBA? ?
S9      50959   SYSTEM?()OPERATOR? OR SYSOP? OR WEBHOST? OR SERVICE()PROVI-
             DER? OR DAEMON?
S10   1148820   LIBRAR? OR ARCHIV? OR DATABASE? OR DATA()BASE? OR DATACENT-
             ER? OR DATALIBRAR? OR DATA()CENTER?
S11   2998592   COLLECTION? OR REPOSITOR? OR STORAG? OR FACILIT? OR FILESE-
             RVER? OR FILE()SERVER?
S12    253262   CAROUSEL? OR JUKEBOX? OR INVENTORY? OR INVENTORIE? OR WARE-
             HOUS?
S13  11474867   ASSOCIAT? OR EFFICIEN? OR COMPATIB? OR SUITAB? OR EFFECTIV?
              OR OPTIM?
S14   1649413   CONCURR? OR SIMULTAN? OR RUNTIME? OR RUN()TIME OR SYNCHRON?
              OR SAME()TIME? OR CONTEMPORAN?
S15      3784   S8:S9 AND S10:S12 AND (S2 OR S4)(7N)S7
S16       122   S15 AND S8:S9(5N)S1(7N)(S2 OR S4)
S17        70   S15 AND S3(7N)S13:S14
S18       190   S16:S17
S19       124   S18 AND S5:S6
S20       190   S16:S19
S21       136   S20 AND PY<2002
S22       124   RD (unique items)
File   2:INSPEC 1898-2005/Sep W4
         (c) 2005 Institution of Electrical Engineers
File   6:NTIS 1964-2005/Sep W4
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2005/Sep W4
         (c) 2005 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2005/Oct W1
         (c) 2005 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2005/Sep
         (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Oct W1
         (c) 2005 BLDSC all rts. reserv.
File  94:JICST-EPlus 1985-2005/Aug W2
         (c)2005 Japan Science and Tech Corp(JST)
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Aug
         (c) 2005 The HW Wilson Co.
File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Oct 04
         (c) 2005 The Gale Group
File 144:Pascal 1973-2005/Sep W4
         (c) 2005 INIST/CNRS
File 239:Mathsci 1940-2005/Nov
         (c) 2005 American Mathematical Society
File 256:TecInfoSource 82-2005/Oct
         (c) 2005 Info.Sources Inc
```

22/3,K/8 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC
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06872831 INSPEC Abstract Number: C9805-6115-020
Title: Software process management in process-centered software engineering environments
Author(s): Byeongdo Kang; Chaedeok Lim; YouSeek Chun; YoungGon Kim; MyungJoon Lee; JeongHo Ko; KyungRyul Kim; Gangsoo Lee
Journal: Journal of KISS(C) (Computing Practices) vol.3, no.6 p. 685-96
Publisher: Korea Inf. Sci. Soc,
Publication Date: Dec. 1997 Country of Publication: South Korea
CODEN: CKNCFY ISSN: 1226-2293
SICI: 1226-2293(199712)3:6L.685:SPMP;1-H
Material Identity Number: E347-98002
Language: Korean
Subfile: C
Copyright 1998, IEE

...Abstract: how to manage the software processes with SEED. SEED includes three main components: session tools, **Daemon** , and a **repository** . Session tools consists of software process modeling tools and monitoring tools. Software process modeling tools...
... the process definition language and the intelligent editor for developing the software process model. SEED **Daemon** is an engine enacting the software process model. The software process model and its instance data are stored into the **repository** . Software process management is performed using software **monitoring** tools. Using the **monitoring** tools, the project **manager** can find the **current** states of the ongoing **software** process states, and then perform management activities for notifying project developers of the approval or...
...Identifiers: **Daemon** ; ...

... **repository** ; ...

...project **manager** ;
1997

22/3,K/20 (Item 20 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03781637 INSPEC Abstract Number: C87003311
Title: When network **file systems aren't enough: automatic software distribution revisited**
Author(s): Nachbar, D.
Author Affiliation: Bell Commun. Res., Morristown, NJ, USA
Conference Title: USENIX Association Summer Conference Proceedings, Atlanta 1986 p.159-71
Publisher: USENIX Assoc, El Cerrito, CA, USA
Publication Date: 1986 Country of Publication: USA x+528 pp.
Conference Sponsor: USENIX Assoc
Conference Date: 9-13 June 1986 Conference Location: Atlanta, GA, USA
Language: English
Subfile: C

Title: When network **file systems aren't enough: automatic software distribution revisited**
Abstract: The system described, named track, addresses the problem of maintaining software and data on **multiple** machines running the UNIX operating system. Under track, updates are made from a central **librarian** machine (or machines). All **updates** are initiated by the receiving machine. Local initiation of **updates** allows system **administrators** to take advantage of centrally maintained **software** without relinquishing control of when and how **updates** are made. **Track** can also map file names when making copies and execute an arbitrary shell script after a copy is made. Given these features, track can automate **common** system administration tasks (e.g. installing new **releases** of software) as well as difficult tasks (e.g. booting a new UNIX kernel).
Descriptors: **network** operating systems
Identifiers: **network** file systems...

... **multiple** machines...

...central **librarian** machine
1986

22/3,K/61 (Item 3 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01688071 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.
INTERNET **-WIDE SOFTWARE COMPONENT DEVELOPMENT PROCESS AND DEPLOYMENT INTEGRATION**
Author: SCHERER, DANIEL BERNHARD
Degree: DR.SC.TECH
Year: **1998**
Corporate Source/Institution: EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH (SWITZERLAND) (0663)
Source: VOLUME 60/02-C OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 447. 212 PAGES
ISBN: 3-906469-08-5
Publisher: TIK LABORATORY, ETH ZURICH, GLORIASTRASSE 35, CH-8092 ZURICH, SWITZERLAND

INTERNET **-WIDE SOFTWARE COMPONENT DEVELOPMENT PROCESS AND DEPLOYMENT INTEGRATION**
Year: **1998**

...and the design and implementation of a distributed framework for both software engineering environments and **software** deployment systems that implements the **common** language.

The language supports management of development processes for software components guided by the coarse...

...origin, version, and other metainformation. It integrates process definition and enactment, product and process evolution, **repository** issues such as version and configuration management, and metaprocess issues in a common yet open...

...software in globally linked processes. The process structure is replicated and synchronized on developers' distributed **hosts** , while individual heterogeneous artifacts remain local during development. For users, the common system is extended by a deployment and **runtime** system that allows distributed retrieval, local **installation** and invocation of software, and manages user-site process bases that hold installed software as...

...conventional files. Developers publish the completed parts of their development processes holding software components via **Internet** and intermediary release servers, and users copy such linked parts from different developers' processes containing...

...individual composition of software applications. Since deployed software retains its process awareness, users may check **installed** configurations for **compatibility** using process metainformation.

Different implementation possibilities are presented, from a portable interoperable system to a...

22/3,K/111 (Item 33 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00128219 DOCUMENT TYPE: Review

PRODUCT NAMES: Radia Inventory Manager **(035386**

TITLE: Novadigm software targets mobile user mgmt.
AUTHOR: Dubie, Denise
SOURCE: Network World, v17 n49 p47(2) Dec 4, 2000
ISSN: 0887-7661
HOMEPAGE: http://www.nwfusion.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20040430

PRODUCT NAMES: Radia Inventory Manager **(**

Novadigm's Radia **Inventory Manager** is software that will let **network managers** track software, applications, and the number of licenses that are being used on a **network** . The information will give **managers** an exact count of what they have and what is **needed** , and will help **determine** what **software** upgrades are **needed** and if **software** licenses are **current** . Radia **Inventory Manager** consists of server **software** and agents that are installed on the managed devices. Using the server, times to collect **inventory** information can be scheduled, and the agents will return information to the servers. The information is correlated into reports, which can be accessed with a Web browser. Radia **Inventory Manager** can also let users see the speed of their connections and the amount of bandwidth...

DESCRIPTORS: Computer Resource Management; Documentation Aids; **LANs** ; **Network Administration** ; **Network Inventory** ; **Network** Software; Remote **Network** Access
1999

22/3,K/112 (Item 34 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00127306 DOCUMENT TYPE: Review

PRODUCT NAMES: RoboMon 7.6 (254096)

TITLE: RoboMon does Windows 2000
AUTHOR: Gill, Shammi
SOURCE: eWeek, v17 n48 p89(2) Nov 27, 2000
ISSN: 1530-6283
HOMEPAGE: http://www.eweek.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

REVISION DATE: 20020630

Heroix's RoboMon 7.6, the **latest release** of the **network** management program, now has remote functionality, but supports only devices from Cisco Systems. Rated very...

...user interface for easier Windows 2000 environment management. RoboMon 7.6 also monitors data from **many** sources, including performance counters, Windows 2000 and Windows NT event logs, **databases** , application log files, Component Object Model (COM) objects, and Simple **Network** Management Protocol (SNMP) traps and variables. RoboMon 7.6's exhaustive data gathering can mean a more precise **assessment** of **network** use than possible with **earlier releases** and should allow **administrators** to more accurately predict future **network** expansion. With RoboMon, **administrators** need not write any code to change or create rules, which can be deployed to...

DESCRIPTORS: IBM PC & Compatibles; **LANs** ; **Network Administration** ; **Network** Management; **Network** Software; System Monitoring; Windows NT/2000
1999

22/3,K/120 (Item 42 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00118051 DOCUMENT TYPE: Review

PRODUCT NAMES: Plumtree Server 3.0 (691267)

TITLE: Plumtree offers more control
AUTHOR: Rapoza, Jim
SOURCE: PC Week, v16 n28 p33(1) Jul 12, 1999
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

REVISION DATE: 20010430

Plumtree **Software** 's Plumtree Server 3.0, the **latest release** of the corporate portal **application** , gets good marks overall, with an excellent feature set. New customization features increase its attractiveness...

...end. Plumtree is more expensive than MyEureka, Netscape Communications' Catalog Server, or Report2Web 2.0. **Administrators** experienced with establishing **database** applications will find Plumtree Corporate Portal easy to set up, and the provided manual has good advice for configuring various portal components. **Earlier versions** could be administered only from the server, but a new Content **Manager** application in this release can be run remotely from a Windows NT system. The tool...

...and approve new content, but not for more particularized content and user management. As in **earlier releases** , Plumtree 3.0 works very well to gain access to data from **multiple** resources, including World Wide Web pages and files/data sources for Lotus Development's Notes...

...directly from each type of data source. Another new feature allows the server to use **multiple** user identities so that **managers** can employ **current** user **profiles** in data sources, instead of adding a particular Plumtree user for each data source. **Several** other new features are described.

DESCRIPTORS: Exchange; Front Ends; IBM PC & Compatibles; **Intranets** ; Notes/Domino; Portals; Windows NT/2000
1999

22/3,K/122 (Item 44 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00117105 DOCUMENT TYPE: Review

PRODUCT NAMES: DirectManage 2.0 (710911); Synchronicity 2.0 (635961)

TITLE: Taming NT, NetWare user tasks
AUTHOR: Avery, Mike
SOURCE: InfoWorld, v21 n22 p35(2) May 31, 1999
ISSN: 0199-6649
HOMEPAGE: http://www.infoworld.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

REVISION DATE: 20040228

...reviewed directory management services. Synchronicity 2.0 has the edge, since it is easy to **install** and has good system administration features. **Synchronicity** operates in the background to migrate changes to NetWare 3, 4, and 5 servers and Windows NT, Exchange, and Notes servers. Novell Directory Services (NDS) is now used as its **database** , and Active Directory will be used when available. Therefore, Synchronicity 2.0 is a good choice for NetWare or NT shops. Synchronicity centralizes system management and allows system **administrators** to continue using their present system management tools, a level of compatibility that reduces costs...

...based system management platform designed primarily for shops based overwhelmingly in Windows NT as a **network** operating system (NOS). No NetWare Loadable Modules (NLMs) are required to interact with NetWare, and ...

...had to spend significant time searching for Microsoft's and Novell's prerelease AD services **software** and the **most recent** client **software** and patches, **updates** , option packs, and service packs.

DESCRIPTORS: Computer Resource Management; IBM PC & Compatibles; **LANs** ; NetWare; **Network** Administration; **Network** Directories; **Network** Software; Windows NT/2000
1999

22/3,K/123 (Item 45 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00114294 DOCUMENT TYPE: Review

PRODUCT NAMES: Carbon Copy Solution 5.0 (012667); Network **/Unplugged 1.0b (710971); ReachOut Enterprise 8.3 (681954); ProComm RapidRemote 1.52 (662003); LapLink Professional 2.0 (727563**

TITLE: Making the Connection: When your workforce is on the road, they...
AUTHOR: Varhol, Peter Varhol, Pamela
SOURCE: Mobile Computing & Communications, v10 n3 p70(9) Mar 1999
ISSN: 1047-5567
HOMEPAGE: http://www.mobilecomputing.com

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

REVISION DATE: 20030330

...**PRODUCT NAMES: 012667);** Network **/Unplugged 1.0b**...

Compaq/Microcom's Carbon Copy 32 5.0, Mobiliti's **Network** /Unplugged 1.0b, Stac's ReachOut Enterprise 8.3, Symantec's ProComm RapidRemote 1.52...

...transfer only file changes instead of an entire file. All products were tested on a **LAN** , except for WanderLink, which provides NetWare **facilities** remotely. **Network** Unplugged 1.0b supports only Windows 95 and 98, while the others support more operating...

...Windows NT, DOS, and NetWare. Only WanderLink omits support for direct cable and IrDA. Only **Network** /Unplugged 1.0b lacks remote control feature and terminal emulation. WanderLink does not provide drag...

...voice/data switching. Only Carbon Copy 32 5.0 and pcANYWHERE 8.0 provide automatic **software updating** . **Network** /Unplugged 1.0b is recommended for mobile workers who need only remote file access, while ReachOut Enterprise 8.3 is for enterprise users and system **administrators** who **want** flexibility and central management.

DESCRIPTORS: DOS; Electronic Software Distribution; File **Transfer** ; IBM PC & **Compatibles** ; **LANs** ; Laptops; Mobile Computing; NetWare; **Network** Software; Remote **Network** Access; Telecommunications; Telecommuting; Windows; Windows CE
1999

22/3,K/124 (Item 46 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00114180 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Systems Management Server 2.0 (455652)

TITLE: 2 Microsoft Upgrades Target The Enterprise: SMS 2.0 goal is to...
AUTHOR: Gaudin, Sharon
SOURCE: Computerworld, v33 n7 p62(1) Feb 15, 1999
ISSN: 0010-4841
HOMEPAGE: http://www.computerworld.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020830

Microsoft Systems Management Server (SMS) 2.0 from Microsoft includes better **inventory** and application distribution tools than its predecessor, SMS 1.2. Included in Microsoft's BackOffice...

...SMS 2.0 performs a number of operations in helping companies to distribute software, take **inventory** , and carry out automated audits. The new release promises to give systems **managers** a better way to handle application distribution to individual end users, rather than providing application segments to only machines or domains. A new feature in SMS will also allow **administrators** to **determine** if end-users must accept new **software updates** immediately, accept them over a period time, or choose to not upgrade at all if a **current application** suits their individual needs.

DESCRIPTORS: Audit; Computer Security; Electronic Software Distribution; IBM PC & Compatibles; **Network** Administration; **Network Inventory** ; **Network** Software; Windows
1999